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ABSTRACT

This guide for graduate students in the sciences focuses on the conduct of research, especially impediments involving approaches, perceptions, and self-initiating efforts. The book is developed in chronological fashion for the beginning graduate student. The first chapter contains an orientation to graduate research departments. It is followed by chapters on commitments and creativity, making choices (e.g., research problems and an advisor), and managing time. These are followed by chapters on the principles of scientific research and ethics in science. Subsequent chapters are devoted to library research, writing skills, preparing theses and dissertations, and presenting and publishing papers. The book continues with chapters on research with human subjects, animals, and biohazards; and on writing and applying for grants. A concluding chapter provides suggestions for getting a job in higher education, government, or industry. (Individual chapters contain references.) (DB)

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